

## Patent claims

1. A process for preparing Biostatin (TT 232) by means of peptide synthesis in solution, by synthesizing the peptide stepwise using protective group-derivatized amino acids,  
*wherein*  
~~characterized in that~~  
the disulfide bridge is closed by means of oxidizing the completely or partially synthesized peptide with iodine in the presence of a suitable solvent and the Biostatin is obtained after removing the solvent and, where appropriate, washing.
2. The process as claimed in claim 1,  
*wherein*  
~~characterized in that~~  
the oxidation is carried out before all the protective groups are eliminated.
3. The process as claimed in claim 1 ~~or 2~~,  
*wherein*  
~~characterized in that~~  
Ddz residues (3,5-dimethoxybenzyl- $\alpha,\alpha$ -dimethyloxycarbonyl or [2(3,5-dimethoxyphenyl)-2-oxy-carbonyl]propyl) are used as protective groups for one or more of the amino acids.
4. A process for preparing Biostatin (TT 232) by means of peptide synthesis in solution, by synthesizing the peptide stepwise using protective group-derivatized amino acids,  
*wherein*  
~~characterized in that~~  
the disulfide bridge is closed by oxidizing the completely or partially synthesized peptide in the presence of a suitable solvent before eliminating all the protective groups and the Biostatin is obtained after removing the solvent and, where appropriate, washing.

5. The process as claimed in claim 4, ✓

~~Wherein~~  
~~characterized in that~~

Ddz residues are used as protective groups for one  
or more of the amino acids.

6. A process for preparing Biostatin (TT 232) by  
means of peptide synthesis in solution, by  
synthesizing the peptide stepwise using protective  
group-derivatized amino acids,

~~Wherein~~  
~~characterized in that~~

the disulfide bridge is closed by oxidizing the  
completely or partially synthesized peptide in the  
presence of a suitable solvent and the Biostatin  
is obtained after removing the solvent and, where  
appropriate, washing, with Ddz residues being used  
as protective groups for one or more of the amino  
acids.